JOURNEY

INTO

MOBILE

FOUNDATIONS FOR MOBILE

- LEVEL 1 -

FOUNDATIONS FOR MOBILE

What is the Mobile Web?

Course Overview

Relative Font-Sizing

LEVEL 1

THERE IS NO MOBILE WEB

Image Courtesy of Brad Frost
http://bradfrostweb.com/blog/web/responsive-web-design-missing-the-point/

JOURNEY INTO MOBILE

LEVEL 1

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JOURNEY INTO MOBILE

LEVEL 1

WHAT IS THE MOBILE WEB?

"The primary design principle underlying the Web's usefulness and growth is universality."

(Tim Berners-Lee)

LEVEL 1

WHAT IS THE MOBILE WEB?

- Must work with any form of information
- Accessible from any device.

Image Courtesy of Brad Frost
http://bradfrostweb.com/blog/web/responsive-web-design-missing-the-point/

JOURNEY INTO MOBILE

LEVEL 1

WHAT IS THE MOBILE WEB?

Mobile Design
Adaptive Design
Responsive Design

=

WEB DESIGN

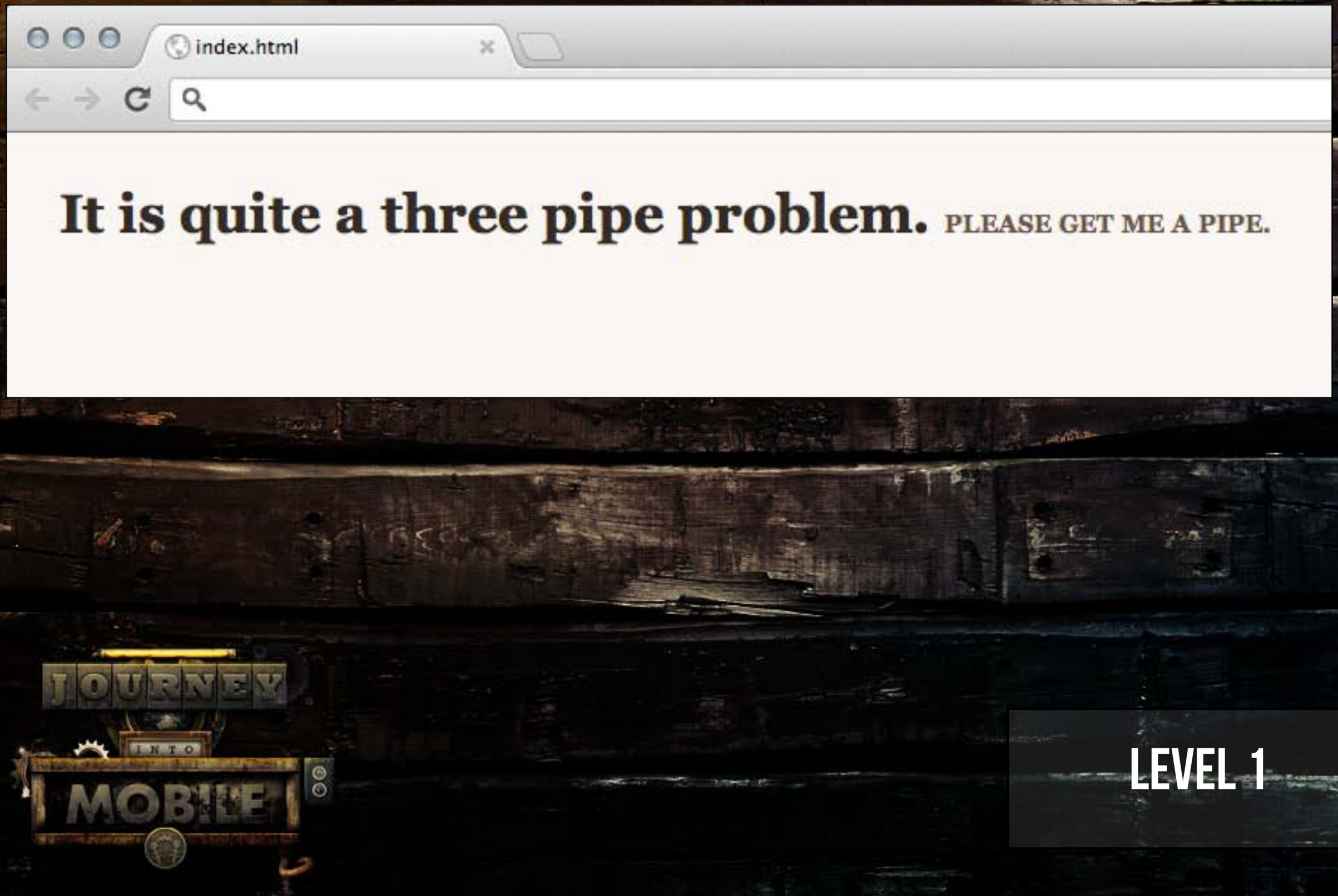
COURSE OVERVIEW

In this course, we'll cover:

1. Fluid Layouts
2. Adaptive Design
3. Responsive Design

LEVEL 1

FLUID LAYOUTS



FLUID LAYOUTS

```
<h1>
  It is quite a three pipe problem.
  <a href="#">Please get me a pipe.</a>
</h1>
```

FLUID LAYOUTS

```
h1 {
  font-size: 30px;
  font-weight: bold;
}
```

FLUID LAYOUTS

pixels → ems

FLUID LAYOUTS

```
html {
  font-size: 16px;
}

body {
  color: #352a25;
  font-family: Georgia, serif;
  font-size: 62.5%; /* 1em = 10px */
}
```

FLUID LAYOUTS

target ÷ context = result

target font size

font size of containing element

FLUID LAYOUTS

target ÷ context = result

30px ÷ 10px = 3em

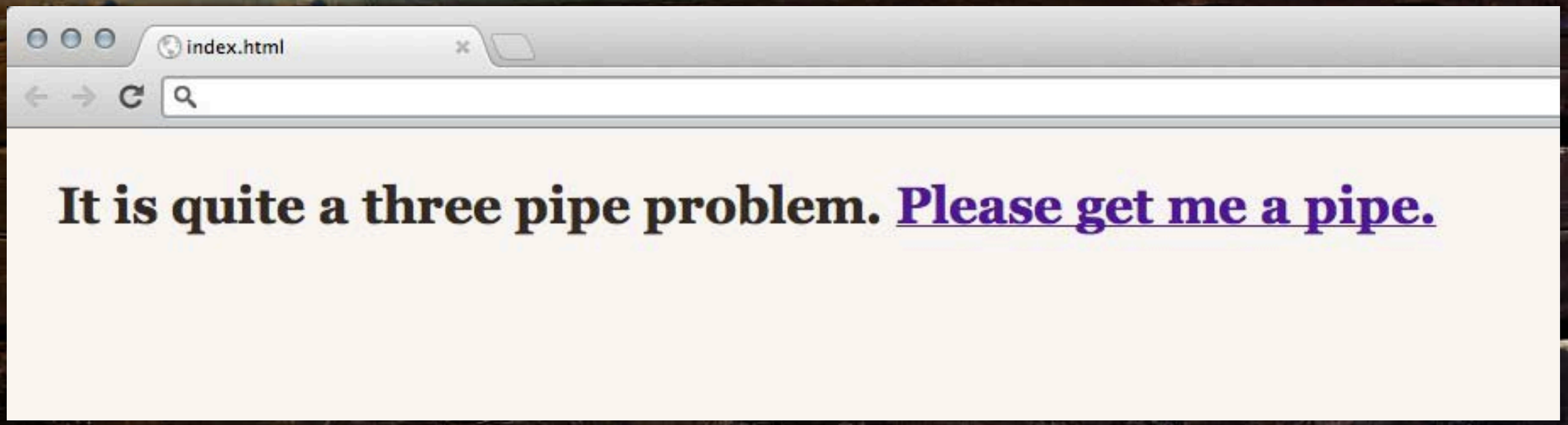
<h1> font size

default browser font size

FLUID LAYOUTS

```
h1 {
  font-size: 3em; /* 30px/10px */
  font-weight: bold;
}
```

FLUID LAYOUTS



JOURNEY INTO MOBILE

LEVEL 1

FLUID LAYOUTS

```
h1 a {
  font-size: 14px;
  text-transform: uppercase;
  text-decoration: none;
  color: #6C564B;
}
```

need to convert

FLUID LAYOUTS

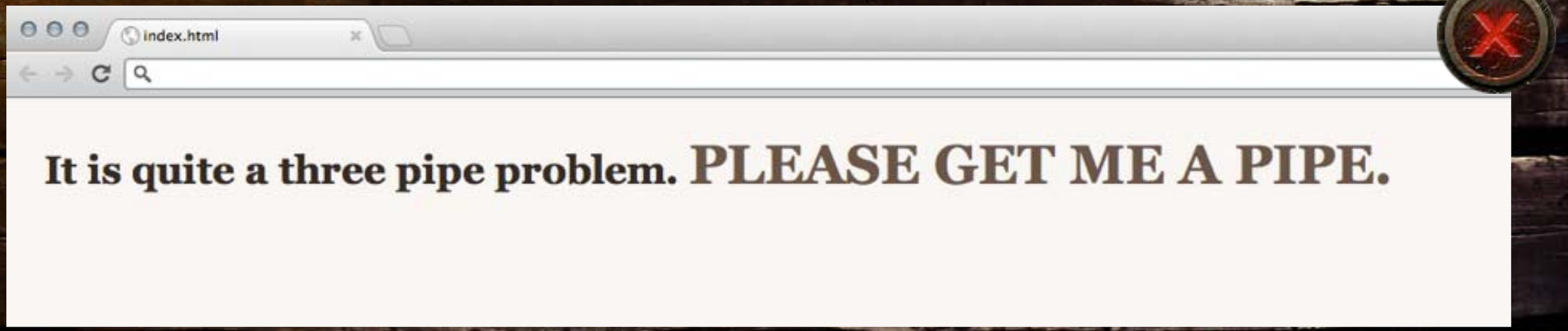
target ÷ context = result

14px ÷ 10px = 1.4em

?

LEVEL 1

FLUID LAYOUTS



JOURNEY INTO MOBILE

LEVEL 1

FLUID LAYOUTS

target ÷ context = result

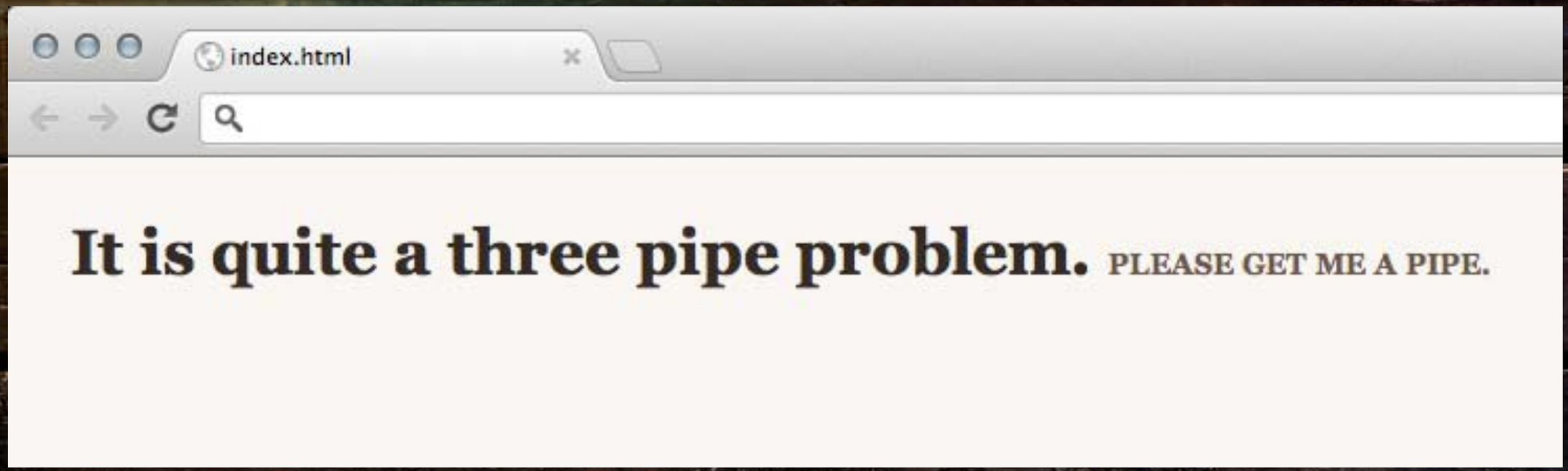
14px ÷ 30px = 0.4666667em

<h1> font size is the correct context

FLUID LAYOUTS

```
h1 a {
  font-size: 0.46666667em; /* 14px/30px */
  text-transform: uppercase;
  text-decoration: none;
  color: #6C564B;
}
```

FLUID LAYOUTS



JOURNEY INTO MOBILE

LEVEL 1

FLUID LAYOUTS

target ÷ context = result

14px ÷ 30px = 0.4666667em

```
h1 a {
  font-size: 0.46666667em; /* 14px/30px */
  text-transform: uppercase;
  text-decoration: none;
  color: #6C564B;
}
```

Note: No need to round